

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re PATENT APPLICATION OF:

Shane D. Mattaway et al.

Application Serial No.: 08/719,639

Application Filing Date: September 25, 1996

Title: **METHOD AND APPARATUS FOR  
PROVIDING CALLER  
IDENTIFICATION BASED RESPONSES  
IN A COMPUTER TELEPHONY  
ENVIRONMENT**



Attorney Docket: 2655-0071

Group Art Unit: 2665

Examiner: HSU, Alpus

Date: April 4, 2006

Confirmation No.: 9685

INFORMATION DISCLOSURE STATEMENT

Hon. Commissioner of Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Pursuant to 37 C.F.R. § 1.56, the attention of the Patent and Trademark Office is hereby directed to the reference(s) listed on the attached PTO-1449. One copy of each non-U.S. Patent reference is attached. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the reference(s) be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

The submission of any document herewith, which is not a statutory bar, is not intended that any such document constitutes prior art against any of the claims of the present application or is considered to be material to patentability as defined in 37 C.F.R. § 1.56(b). Applicants do not waive any rights to take any action which would be appropriate to antedate or otherwise remove as a competent reference against the claims of the present application.

In re Application of: Shane D. Mattaway et al.

Application S.N.: 08/719,639

Page 2 of 2

This Information Disclosure Statement is being filed within three (3) months of the U.S. filing date OR before the mailing date of a first Office Action on the merits. No certification or fee is required.

**CHARGE STATEMENT:** Deposit Account No. 501860, order no. 2655-0071.

The Commissioner is hereby authorized to charge any fee specifically authorized hereafter, or any missing or insufficient fee(s) filed, or asserted to be filed, or which should have been filed herewith or concerning any paper filed hereafter, and which may be required under Rules 16-18 (missing or insufficiencies only) now or hereafter relative to this application and the resulting Official Document under Rule 20, or credit any overpayment, to our Accounting/Order Nos. shown above, for which purpose a duplicate copy of this sheet is attached

**This CHARGE STATEMENT does not authorize charge of the issue fee until/unless an issue fee transmittal sheet is filed.**

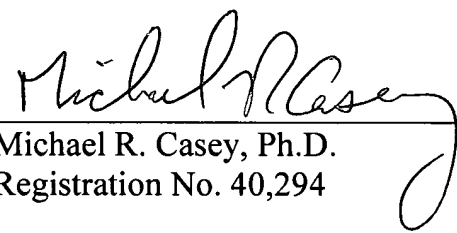
CUSTOMER NUMBER

**42624**

Davidson Berquist Jackson & Gowdey LLP  
4300 Wilson Blvd., 7th Floor,  
Arlington Virginia 22203  
Main: (703) 894-6400 • FAX: (703) 894-6430

Respectfully submitted,

By: \_\_\_\_\_

  
Michael R. Casey, Ph.D.  
Registration No. 40,294



**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**  
FORM PTO-1449 (modified)

Sheet 1 of 18

Application No.	08/719,639
Filing Date	September 25, 1996
First Named Inventor	Shane D. Mattaway et al.
Group Art Unit	2665
Examiner Name	HSU, Alpus
Attorney Docket No.	2655-0071
Confirmation No.	9685

**U.S. PATENT DOCUMENTS**

Examiner Initials*	Cite No.	Document No.	Publication Date	Name of Patentee or Applicant of Cited Document
	1-1	4450554	05-22-1984	Steensma, et al.
	1-2	4528659	07-09-1985	Jones, Jr.
	1-3	4589107	05-13-1986	Middleton, et al.
	1-4	4598397	07-01-1986	Nelson, et al.
	1-5	4630262	12-16-1986	Callens, et al.
	1-6	4652703	03-24-1987	Lu, et al.
	1-7	4740963	04-26-1988	Eckley
	1-8	4782485	11-01-1988	Gollub
	1-9	4809271	02-28-1989	Kondo, et al.
	1-10	4813040	03-14-1989	Futato
	1-11	4819228	04-04-1989	Baran, et al.
	1-12	4821263	04-1989	Lundh
	1-13	4866704	09-12-1989	Bergman
	1-14	4866732	09-12-1989	Carey, et al.
	1-15	4873715	10/10/89	Shibata
	1-16	4887265	12-12-1989	Felix
	1-17	4890282	12/26/89	Lambert, et al.
	1-18	4912705	03-27-1990	Paneth, et al.
	1-19	4932022	06-05-1990	Keeney, et al.
	1-20	4981371	01-01-1991	Gurak, et al.
	1-21	5031089	07-1991	Liu et al.
	1-22	5036513	07-30-1991	Greenblatt
	1-23	5065425	11-12-1991	Lecomte, et al.
	1-24	5121385	06-09-1992	Tominaga, et al.
	1-25	5127001	06-30-1992	Steagall, et al.
	1-26	5130985	07-14-1992	Kondo, et al.

Examiner Signature		Date Considered	
-----------------------	--	--------------------	--

\*Examiner: Initial if reference was considered, whether or not citation is in conformance with MPEP 609. Draw a line through citation if not in conformance and not considered. Include a copy of this form with next communication to applicant.

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**  
FORM PTO-1449 (modified)

Sheet 2 of 18

Application No.	08/719,639
Filing Date	September 25, 1996
First Named Inventor	Shane D. Mattaway et al.
Group Art Unit	2665
Examiner Name	HSU, Alpus
Attorney Docket No.	2655-0071
Confirmation No.	9685

**U.S. PATENT DOCUMENTS**

Examiner Initials*	Cite No.	Document No.	Publication Date	Name of Patentee or Applicant of Cited Document
	2-1	5150410	09-22-1992	Bertrand
	2-2	5155726	10/13/92	Spinney, et al.
	2-3	5187591	02-16-1993	Guy, et al.
	2-4	5214650	05-25-93	Renner, et al.
	2-5	5220599	06-1993	Sasano et al
	2-6	5241625	08-1993	Epard et al.
	2-7	5282197	1/25/94	Kreitzer
	2-8	5283819	02-01-1994	Glick, et al.
	2-9	5287103	02/15/1994	Kasprzyk Marlon Z et al
	2-10	5301324	04-1994	Dewey et al.
	2-11	5305312	04-19-1994	Fornek, et al.
	2-12	5315705	05/24/1994	Iwami Naoko et al
	2-13	5341374	08-23-1994	Lewen et al.
	2-14	5410754	02/15/1994	Favreau Keith et al
	2-15	5428608	06-1995	Freeman et al.
	2-16	5434913	07-1995	Tung et al.
	2-17	5440547	08/08/1995	Esaki Hiroshi et al
	2-18	5446891	08-29-1995	Kaplan et al.
	2-19	5446919	08-29-1995	Wilkins
	2-20	5459864	10-1995	Brent et al.
	2-21	5461611	10-1995	Drake, Jr. et al.
	2-22	5467388	11-1995	Redd et al.
	2-23	5475741	12-12-1995	Davis et al.
	2-24	5483524	01-1996	Lev et al.
	2-25	5491800	02-13-1996	Goldsmith et al.
	2-26	5544164	08-1996	Baran

Examiner Signature		Date Considered	
-----------------------	--	--------------------	--

\*Examiner: Initial if reference was considered, whether or not citation is in conformance with MPEP 609. Draw a line through citation if not in conformance and not considered. Include a copy of this form with next communication to applicant.

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**  
FORM PTO-1449 (modified)

Sheet 3 of 18

Application No.	08/719,639
Filing Date	September 25, 1996
First Named Inventor	Shane D. Mattaway et al.
Group Art Unit	2665
Examiner Name	HSU, Alpus
Attorney Docket No.	2655-0071
Confirmation No.	9685

**U.S. PATENT DOCUMENTS**

Examiner Initials*	Cite No.	Document No.	Publication Date	Name of Patentee or Applicant of Cited Document
	3-1	5574934	11-12-1996	Mirashrafi et al.
	3-2	5591800	02-1996	Goldsmith et al.
	3-3	5614940	03-25-1997	Cobbley et al.
	3-4	5623483	04-22-1997	Agrawal et al.
	3-5	5623490	04-1997	Richter et al.
	3-6	5636282	06-1997	Holmquist et al.
	3-7	5652759	07-1997	Stringfellow, Jr.
	3-8	5655120	08-1997	Witte et al.
	3-9	5659542	08-1997	Bell et al.
	3-10	5684800	11-1997	Dobbins et al.
	3-11	5692180	11-1997	Lee
	3-12	5692192	11-1997	Sudo
	3-13	5694594	12-02-1997	Chang
	3-14	5710884	01-20-1998	Dedrick
	3-15	5717923	02-10-1998	Dedrick
	3-16	5719786	02-1998	Nelson et al.
	3-17	5732078	03-1998	Arango
	3-18	5745642	04-28-1998	Ahn
	3-19	5745702	04-1998	Morozumi
	3-20	5754636	05-1998	Bayless et al.
	3-21	5754939	05-19-1998	Herz et al.
	3-22	5758257	03-26-1998	Herz et al.
	3-23	5761606	06-1998	Wolzien
	3-24	5764736	06-1998	Shachar et al.
	3-25	5764741	06-09-1998	Barak
	3-26	5768527	06-1998	Zhu et al.

Examiner Signature		Date Considered	
-----------------------	--	--------------------	--

\*Examiner: Initial if reference was considered, whether or not citation is in conformance with MPEP 609. Draw a line through citation if not in conformance and not considered. Include a copy of this form with next communication to applicant.

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**  
FORM PTO-1449 (modified)

Sheet 4 of 18

Application No.	08/719,639
Filing Date	September 25, 1996
First Named Inventor	Shane D. Mattaway et al.
Group Art Unit	2665
Examiner Name	HSU, Alpus
Attorney Docket No.	2655-0071
Confirmation No.	9685

**U.S. PATENT DOCUMENTS**

Examiner Initials*	Cite No.	Document No.	Publication Date	Name of Patentee or Applicant of Cited Document
	4-1	5774666	06-30-1998	Portuesi
	4-2	5778181	07-1998	Hidary et al.
	4-3	5778187	07-1998	Monteiro et al.
	4-4	5790792	08-1998	Dudgeon et al.
	4-5	5790793	08-1998	Higley
	4-6	5794018	08-1998	Vrvilo et al.
	4-7	5794257	08-1998	Liu et al.
	4-8	5799072	08-1998	Vulcan et al.
	4-9	5799150	08-1998	Hamilton et al.
	4-10	5818510	10-1998	Cobbley et al.
	4-11	5822524	10-1998	Chen et al.
	4-12	5832119	11-1998	Rhoads
	4-13	5832240	11-1998	Larsen et al.
	4-14	5835723	11-1998	Andrews et al.
	4-15	5842216	11-1998	Anderson et al.
	4-16	5857072	01-1999	Crowle
	4-17	5867654	02-02-1999	Ludwig et al.
	4-18	5872972	02-1999	Boland et al.
	4-19	5884077	03-1999	Suzuki
	4-20	5890162	03-1999	Huckins
	4-21	5892825	04-06-1999	Mages et al.
	4-22	5892924	04-1999	Lyon et al.
	4-23	5903727	05-11-1999	Nielsen
	4-24	5905719	05-1999	Arnold et al.
	4-25	5905865	05-1999	Palmer et al.
	4-26	5905872	05-1999	DeSimone et al.

Examiner Signature		Date Considered	
--------------------	--	-----------------	--

\*Examiner: Initial if reference was considered, whether or not citation is in conformance with MPEP 609. Draw a line through citation if not in conformance and not considered. Include a copy of this form with next communication to applicant.

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**  
FORM PTO-1449 (modified)

Sheet 5 of 18

Application No.	08/719,639
Filing Date	September 25, 1996
First Named Inventor	Shane D. Mattaway et al.
Group Art Unit	2665
Examiner Name	HSU, Alpus
Attorney Docket No.	2655-0071
Confirmation No.	9685

**U.S. PATENT DOCUMENTS**

Examiner Initials*	Cite No.	Document No.	Publication Date	Name of Patentee or Applicant of Cited Document
	5-1	5915001	06-1999	Uppaluru
	5-2	5924093	07-1999	Potter et al.
	5-3	5928327	07-1999	Wang et al.
	5-4	5929849	07-1999	Kikinis
	5-5	5946386	08-1999	Rogers et al.
	5-6	5961584	10-1999	Wolf
	5-7	5969967	10-1999	Aahlad et al.
	5-8	5982774	11-1999	Foladare et al.
	5-9	5983005	11-1999	Monteiro et al.
	5-10	6005870	12-21-1999	Leung
	5-11	6006257	12-1999	Slezak
	5-12	6018768	01-2000	Ullman et al.
	5-13	6018771	01-25-2000	Hayden
	5-14	6026425	02-2000	Suguri et al.
	5-15	6031836	02-2000	Haserodt
	5-16	6032192	02-29-2000	Wegner et al.
	5-17	6041345	03-2000	Levi et al.
	5-18	6047292	04-04-2000	Kelly et al.
	5-19	6061716	05-2000	Moncreiff
	5-20	6064975	05-2000	Moon et al.
	5-21	6085217	07-2000	Ault et al.
	5-22	6101182	08-2000	Sistanizadeh et al.
	5-23	6105053	08-2000	Kimmel et al.
	5-24	6151643	11-2000	Cheng et al.
	5-25	6163316	12-2000	Killian
	5-26	6173044	01-2001	Hortensius et al.

Examiner Signature		Date Considered	
--------------------	--	-----------------	--

\*Examiner: Initial if reference was considered, whether or not citation is in conformance with MPEP 609. Draw a line through citation if not in conformance and not considered. Include a copy of this form with next communication to applicant.

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**  
FORM PTO-1449 (modified)

Sheet 6 of 18

Application No.	08/719,639
Filing Date	September 25, 1996
First Named Inventor	Shane D. Mattaway et al.
Group Art Unit	2665
Examiner Name	HSU, Alpus
Attorney Docket No.	2655-0071
Confirmation No.	9685

**U.S. PATENT DOCUMENTS**

Examiner Initials*	Cite No.	Document No.	Publication Date	Name of Patentee or Applicant of Cited Document
	6-1	6178453	01-23-2001	Mattaway et al.
	6-2	6181689	01-2001	Choung et al.
	6-3	6185184	02-06-2001	Mattaway et al.
	6-4	6195357	02-2001	Polcyn
	6-5	6205135	03-20-2001	Chinni et al.
	6-6	6226690	05-2001	Banda et al.
	6-7	6240444	05-2001	Fin et al.
	6-8	6243373	06-2001	Turock
	6-9	6266539	07-2001	Pardo
	6-10	6275490	08-14-2001	Mattaway et al.
	6-11	6282272	08-2001	Noonen et al.
	6-12	6289369	09-11-2001	Sundaresan
	6-13	6338078	01-2002	Chang et al.
	6-14	6343115	01-2002	Foladare et al.
	6-15	6347342	02-2002	Marcos et al.
	6-16	6377568	04-2002	Kelly
	6-17	6385583	05-2002	Ladd et al.
	6-18	6393455	05-2002	Eilert et al.
	6-19	6427064	07-2002	Henderson, Daniel
	6-20	6477586	11-2002	Achenson et al.
	6-21	6594254	07-15-2003	Kelly
	6-22	6704802	03-2004	Finch et al.
	6-23	6728784	04-27-2004	Mattaway
	6-24	6888836	05-03-2005	Cherkasova
	6-25	6909708	06-2005	Krishnaswamy et al.
	6-26			

Examiner Signature		Date Considered	
--------------------	--	-----------------	--

\*Examiner: Initial if reference was considered, whether or not citation is in conformance with MPEP 609. Draw a line through citation if not in conformance and not considered. Include a copy of this form with next communication to applicant.



**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**  
FORM PTO-1449 (modified)

Sheet 7 of 18

Application No.	08/719,639
Filing Date	September 25, 1996
First Named Inventor	Shane D. Mattaway et al.
Group Art Unit	2665
Examiner Name	HSU, Alpus
Attorney Docket No.	2655-0071
Confirmation No.	9685

**FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Cite No.	Document No.	Publication Date	Name of Patentee or Applicant of Cited Document	T <sup>1</sup>
	7-1	AU-200059377-A1	11-23-2000	Glenn W. Hutton et al.	
	7-2	AU-200059378-A1	11-30-2000	Glenn W. Hutton et al.	
	7-3	AU-200059379-A1	11-23-2000	Glenn W. Hutton et al.	
	7-4	EP-0455402-A2	11-06-1991	Hewlett-Packard Company	
	7-5	EP-0518596	12/16/1992	Digital Equipment Corp	
	7-6	EP-0559047	09-1993	Iglehart	
	7-7	EP-0581722	02/02/1994	Yeda R&D Co., Ltd.	
	7-8	EP-0597691	05/18/1994	IBM	
	7-9	EP-0632672	01/04/1995	IBM	
	7-10	EP-0648038	04/12/1995	IBM	
	7-11	EP-1379039-A2	01-07-2004	Glenn W. Hutton	
	7-12	EP-1379050-A2	01-07-2004	Glenn W. Hutton	
	7-13	GB-2283645	05/10/1995	Digital Equipment Int.	
	7-14	JP 63-131637	3/6/1988	Y. Takehiko (w/ English abstract)	
	7-15	JP-5944140	03-12-1984	Junichi Kimura et al.	Yes
	7-16	WO-9422087	09/29/1994	3Com Corp	
	7-17	WO-9714234	04-17-1997	Glenn W. Hutton	
	7-18	WO-9811704	03/19/1998	Don Joon Lee et al.	
	7-19				
	7-20				
	7-21				
	7-22				
	7-23				
	7-24				
	7-25				
	7-26				

Examiner Signature		Date Considered	
--------------------	--	-----------------	--

\*Examiner: Initial if reference was considered, whether or not citation is in conformance with MPEP 609. Draw a line through citation if not in conformance and not considered. Include a copy of this form with next communication to applicant.

<sup>1</sup>Translation provided.

<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> FORM PTO-1449 (modified)	Application No.	08/719,639
	Filing Date	September 25, 1996
	First Named Inventor	Shane D. Mattaway et al.
	Group Art Unit	2665
	Examiner Name	HSU, Alpus
	Attorney Docket No.	2655-0071
	Confirmation No.	9685
Sheet 8 of 18		

NON-PATENT REFERENCES			
Examiner Initials*	Cite No.	Non-patent Reference bibliographic information, where available	T <sup>1</sup>
	8-1	"Circuit Switching", Ericsson, last published July 5, 2001, found at <a href="http://www.ericsson.com/multiservicenetworks/circuitswitching/axe/">http://www.ericsson.com/multiservicenetworks/circuitswitching/axe/</a> printed on August 1, 2001, 2 pages.	
	8-2	"Data Communication Over the Telephone Network", International Telecommunication Union, CCITT The International Telegraph and Telephone Consultative Committee, Blue Book, Volume VIII - Fascicle VIII.1, IXth Plenary Assembly, Melbourne, November 14-25, 1988, pages 296-370.	
	8-3	"Full Duplex Speakerphone", IBM Technical Disclosure Bulletin, Vol. 29, No. 12, May 1987, pages 5599-5602	
	8-4	"ICL OPD - One Per Desk", Issue 01 August 1990, A Comprehensive Technical Information Document (24 pages)	
	8-5	"Information Processing Techniques Program. Volume II. Wideband Integrated Voice/Data Technology" Semiannual Technical Summary Report, Massachusetts Institute of Technology Lexington, MA, 1 October 1977 - 31 March 1978, Issued 31 August 1978, pages 1-25 and 27-31. ADA067014	
	8-6	"Integrated Voice/Data PABX Communications", IBM Technical Disclosure Bulletin, September 1986, <a href="http://patents.ibm.com">http://patents.ibm.com</a>	
	8-7	"Level 1-5 of 65 Stories" 1990 Network World, Inc., April 16, 1990, pages 114-115	
	8-8	"Multi-Service Networks", Ericsson, last published June 27, 2001, found at <a href="http://www.ericsson.com/multiservicenetworks/circuitswitching/">http://www.ericsson.com/multiservicenetworks/circuitswitching/</a> printed on August 1, 2001, 2 pages.	
	8-9	"The History of TPC.INT", January 15, 1999, 2 pages, found at <a href="http://www.tpc.int/faq/history.html">http://www.tpc.int/faq/history.html</a> printed on August 8, 2002.	
	8-10	A. A. Kapauan, et al. "Wideband Packet Access for Workstations: Integrated Voice/Data/Image Services on the UNIX+ PC", IEEE Global Telecommunications Conference, Houston, Texas, December 1-4, 1986, Conference Record Vol. 3, pages 1439-1441	

Examiner Signature		Date Considered	
--------------------	--	-----------------	--

\*Examiner: Initial if reference was considered, whether or not citation is in conformance with MPEP 609. Draw a line through citation if not in conformance and not considered. Include a copy of this form with next communication to applicant.

<sup>1</sup>Translation provided.

<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> FORM PTO-1449 (modified)	Application No.	08/719,639
	Filing Date	September 25, 1996
	First Named Inventor	Shane D. Mattaway et al.
	Group Art Unit	2665
	Examiner Name	HSU, Alpus
	Attorney Docket No.	2655-0071
	Confirmation No.	9685
Sheet 9 of 18		

NON-PATENT REFERENCES			
Examiner Initials*	Cite No.	Non-patent Reference bibliographic information, where available	T <sup>1</sup>
	9-1	AHRENS, Richard L., "Frequently-Asked Questions about Internet VoiceChat 1.1 FAQ Version: 1.0", 1994, 6 pages.	
	9-2	Andy Hopper "Pandora - An Experimental System for Multimedia Applications", Operating Systems Review, January 12, 1990, pages 1-16	
	9-3	BENNETT, Geoff, "Designing TCP/IP Internetworks", Chapter 11, pages 290, 291 and 323, Van Nostrand Reinhold, 1995.	
	9-4	Bernard Gold "Digital Speech Networks", Proceedings of the IEEE, Vol. 65, No. 12, December 1977, pages 1636-1658	
	9-5	Bill Newman "An ISDN Data and Voice Terminal Based on a Personal Computer", Globecom'85, IEEE Global Telecommunications Conference, Conference Record Volume 3, New Orleans, Louisiana, December 2-5, 1985, pages 1048-1052	
	9-6	BORLAND, John, "Technology uses one number to find you on any device", May 17, 2001, 3 pages, found at <a href="http://news.cnet.com/news/0-1004-201-5939191-0.html">http://news.cnet.com/news/0-1004-201-5939191-0.html</a> .	
	9-7	C. MALAMUD et al., "Principles of Operation for the TPC.INT Subdomain: General Principles and Policy", RFC 1530, October 1993, pages 1-7.	
	9-8	C. MALAMUD et al., "Principles of Operation for the TPC.INT Subdomain: Remote Printing -- Administrative Policies", RFC 1529, October 1993, pages 1-5.	
	9-9	C. MALAMUD et al., "Principles of Operation for the TPC.INT Subdomain: Remote Printing -- Technical Procedures", RFC 1528, October 1993, pages 1-12.	
	9-10	C. Topolcic "Experimental Internet Stream Protocol, Version 2 (ST-II)", Request for Comments 1190, October 1990, pages 1-148	

Examiner Signature		Date Considered	
--------------------	--	-----------------	--

\*Examiner: Initial if reference was considered, whether or not citation is in conformance with MPEP 609. Draw a line through citation if not in conformance and not considered. Include a copy of this form with next communication to applicant.

<sup>1</sup>Translation provided.

<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> FORM PTO-1449 (modified)	Application No.	08/719,639
	Filing Date	September 25, 1996
	First Named Inventor	Shane D. Mattaway et al.
	Group Art Unit	2665
	Examiner Name	HSU, Alpus
	Attorney Docket No.	2655-0071
	Confirmation No.	9685
Sheet 10 of 18		

NON-PATENT REFERENCES			
Examiner Initials*	Cite No.	Non-patent Reference bibliographic information, where available	T <sup>1</sup>
	10-1	C. YANG, "INETPhone: Telephone Services and Servers on Internet", Request for Comments 1789, pp. 1-6, April 1995.	
	10-2	Carl A. Sunshine, et al. "Broad-Band Personal Computer LAN's", IEEE Journal on Selected Areas in Communications, Vol. SAC-3, No.3, May 1985, pages 408-415	
	10-3	Cindy MUELLER et al., "ATD Data Services", <a href="http://www.iita.ucar.edu/ws/dataaworkshop/Abstract-ATD.html">http://www.iita.ucar.edu/ws/dataaworkshop/Abstract-ATD.html</a> , January 5, 1995, 2 pages.	
	10-4	Clifford J. Weinstein, et al. "Experience with Speech Communication in Packet Networks" IEEE Journal on Selected Areas in Communications, Vol. SAC-1, No. 6, (ISSN 0733-8716), December 1983, pages 963-980	
	10-5	D. Adolphs, et al. "Adapters for the Public ISDN", pages 72-80	
	10-6	D. Perkins "The Point-to-Point Protocol for the Transmission of Multi-Protocol Datagrams Over Point-to-Point Links", Request for Comments 1171, <a href="ftp://ftp.isi.edu/in-notes/rfc1171.txt">ftp://ftp.isi.edu/in-notes/rfc1171.txt</a> , July 1990, pages 1-48	
	10-7	D.C. Swinehart et al., "Adding Voice to an Office Computer Network", IEEE Global Telecommunications Conference, Nov. 28-Dec1, 1983, Conference Record Volume 1 of 3, pages 392-398	
	10-8	Dale Gulick et al., "Interface the ISDN to Your PC With a Voice/Data Board", Design Applications, 2328 Electronic Design, 35 (1987) Dec. 10, No. 29, Hashbrouck Heights, NJ, USA, pages 85-88, XP 000004313	
	10-9	Daniel C. Swinehart "Telephone Management in the Etherphone System", IEEE/IEICE Global Telecommunications Conference '87, Conference Record Volume 2 of 3, November 15-18, 1987, pages 1176-1180	
	10-10	Danny Cohen "A Network Voice Protocol NVP-II", April 1, 1981, pages 1-68	

Examiner Signature		Date Considered	
--------------------	--	-----------------	--

\*Examiner: Initial if reference was considered, whether or not citation is in conformance with MPEP 609. Draw a line through citation if not in conformance and not considered. Include a copy of this form with next communication to applicant.

<sup>1</sup>Translation provided.

<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> FORM PTO-1449 (modified)	Application No.	08/719,639
	Filing Date	September 25, 1996
	First Named Inventor	Shane D. Mattaway et al.
	Group Art Unit	2665
	Examiner Name	HSU, Alpus
	Attorney Docket No.	2655-0071
	Confirmation No.	9685
Sheet 11 of 18		

NON-PATENT REFERENCES			
Examiner Initials*	Cite No.	Non-patent Reference bibliographic information, where available	T <sup>1</sup>
	11-1	Danny Cohen "Packet Communication of Online Speech", AFIPS Conference Proceedings, 1981 National Computer Conference, May 4-7, 1981, Chicago, Illinois, pages 169-176	
	11-2	Danny Cohen "Specifications for the Network Voice Protocol (NVP)", Request for Comments 741, January 29, 1976, pages 1-30	
	11-3	DECEMBER, John and RANDALL, Neil, "The World Wide Web Unleashed", Sams Publishing, Indianapolis, IN, 1994, ISBN 0-672-30617-4, 23 pages.	
	11-4	Don H. Johnson, et al. "A Local Access Network for Packetized Digital Voice Communication", IEEE Transactions on Communications, Vol. Com. 29, No. 5, May 1981, pages 679-688	
	11-5	Douglas B. Terry and Daniel C. Swinehart, "Managing Stored Voice in the Etherphone System", 1987 ACM 089791-242-X/87/0011/0103, pages 103-104	
	11-6	Douglas B. Terry and Daniel C. Swinehart, "Managing Stored Voice in the Etherphone System", ACM Transactions on Computer Systems, Vol. 6, No. 1, February 1988, pages 3-27	
	11-7	Edward J. WEINBURG, "Netscape Conference and Cooltalk Meeting Room", www.q5.com, February 22, 1996, 7 pages.	
	11-8	Eve M. Schooler, et al. "A Packet-Switched Multimedia Conferencing System", SIGOIS Bulletin, pages 12-22	
	11-9	Gary C. Kessler "ISDN Concepts, Facilities, and Services", McGraw-Hill, Inc., c1990, pages 224-231, ISBN 0-07-034242-3	
	11-10	Giulio Barberis, et al. "Coded Speech in Packet-Switched Networks: Models and Experiments" IEEE Journal on Selected Areas in Communications, Vol. SAC-1, No. 6, December 1983, pages 1028-1038	

Examiner Signature		Date Considered	
--------------------	--	-----------------	--

\*Examiner: Initial if reference was considered, whether or not citation is in conformance with MPEP 609. Draw a line through citation if not in conformance and not considered. Include a copy of this form with next communication to applicant.

<sup>1</sup>Translation provided.

<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> FORM PTO-1449 (modified)	Application No.	08/719,639
	Filing Date	September 25, 1996
	First Named Inventor	Shane D. Mattaway et al.
	Group Art Unit	2665
	Examiner Name	HSU, Alpus
	Attorney Docket No.	2655-0071
Sheet 12 of 18	Confirmation No.	9685

NON-PATENT REFERENCES			
Examiner Initials*	Cite No.	Non-patent Reference bibliographic information, where available	T <sup>1</sup>
	12-1	GULL, "Getting IP Address of PPP-Connected Mac", <jgull-0304951005350001@pm012-11.dialip.mich.net>, 04/03/1995, 2 pages.	
	12-2	GULL, "Internet Phone for Mac?", <jgull-1704950116450001@pm049-28.dialip.mich.net>, 04/17/1995, 2 pages.	
	12-3	H. Jonathan Chao, et al. "A Packet Video System Using the Dynamic Time Division Multiplexing Technique", IEEE Global Telecommunications Conference, Houston, Texas, December 1-4, 1988, Conference Record, Vol. 3, pages 0767-0772	
	12-4	H. Opderbeck "Throughput Degredations for Single Packet Messages", Request for Comments 632, ftp://ftp.isi.edu/in-notes/rfc632.txt, May 20, 1974, pages 1-6	
	12-5	Harrick M. Vin, et al. "Multimedia Conferencing in the Etherphone Environment", IEEE, October 1991, pages 69-79	
	12-6	Henning Schulzrinne "Voice Communication Across the Internet: A Network Voice Terminal", July 29, 1992, pages 1-34	
	12-7	HEYLIGHEN, Francis, "World-Wide Web: a distributed hypermedia paradigm for global networking", IEE/INSPEC Database Updates and Additions (1960-1995), Doc.# 1374618; Proceedings. SHARE Europe Spring Conference, 04/18/1994, pp. 355-368.	
	12-8	Hiroshi Kobayashi and Hideaki Haruyama, "Voice, Data and Video Integrated Broadband Metropolitan Area Network", Electronics and Communications in Japan, Part 1, Vol. 73, No. 11, 1990, pages 34-42	
	12-9	Hiroyuki Ichikawa et al. "High-Speed Packet Switching Systems for Multimedia Communications", IEEE Journal on Selected Areas in Communications, October 1987, Volume SAC-5, Number 8 (ISSN 0733-8716), pages 1336-1345	
	12-10	Ian H. Merritt "Providing Telephone Line Access to a Packet Voice Network", University of Southern California, Marina Del Rey. Information Sciences Inst., February 1983, ADA126270	

Examiner Signature		Date Considered	
--------------------	--	-----------------	--

\*Examiner: Initial if reference was considered, whether or not citation is in conformance with MPEP 609. Draw a line through citation if not in conformance and not considered. Include a copy of this form with next communication to applicant.

<sup>1</sup>Translation provided.

<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> FORM PTO-1449 (modified)	Application No.	08/719,639
	Filing Date	September 25, 1996
	First Named Inventor	Shane D. Mattaway et al.
	Group Art Unit	2665
	Examiner Name	HSU, Alpus
	Attorney Docket No.	2655-0071
	Confirmation No.	9685
Sheet 13 of 18		

NON-PATENT REFERENCES			
Examiner Initials*	Cite No.	Non-patent Reference bibliographic information, where available	T <sup>1</sup>
	13-1	Inder GOPAL et al., "Directories for Networks with Casually Connected Users", IEEE, 1988.	
	13-2	International Preliminary Examination Report (IPER) issued March 26, 1998 in corresponding International Application Serial No. PCT/US96/15504.	
	13-3	International Search Report issued January 27, 1998 in corresponding International Application Serial No. PCT/US96/15504.	
	13-4	Israel GITMAN, et al. "Economic Analysis of Integrated Voice and Data Networks: A Case Study" Proceedings of the IEEE, Vol. 66, No. 11, November 1978, pages 1549-1570	
	13-5	J. Huelamo, et al. "End User Premises Equipment and Terminals for Broadband Applications", Electrical Communication, Volume 64, Number 2/3, 1990	
	13-6	J. K. Reynolds et al., "Voice File Interchange Protocol (VFIP), Request for Comments 978, ftp://ftp.isi.edu/innotes/rfc978.txt, February 1986, pages 1-5	
	13-7	J. Romkey "A Nonstandard For Transmission of IP Datagrams Over Serial Lines: Slip", Request for Comments 1055, ftp://ftp.isi.edu/in-notes/std/std47.txt, June 1988, pages 1-6	
	13-8	James D. Mills, et al. "A data and voice system for the general service telephone network", Proceedings IECON '87, 1987 International Conference on IND. Electronics, Control, and Instrumentation, Cambridge, Massachusetts, November 3-6, 1987	
	13-9	James W. Forgie "Speech Transmission in Packet-Switched Store-and-Forward Networks", AFIPS Conference Proceedings, 1975 National Computer Conference, May 19-22, 1975, Anaheim, California, pages 137-142	
	13-10	James W. Forgie "Voice Conferencing in Packet Networks", ICC '80, Conference Record, International Conference on Communications, Seattle, WA, June 8-12, 1980, Volume 1, 80CH1505-6 CSCB, pages 21.3.1-21.3.4	

Examiner Signature		Date Considered	
--------------------	--	-----------------	--

\*Examiner: Initial if reference was considered, whether or not citation is in conformance with MPEP 609. Draw a line through citation if not in conformance and not considered. Include a copy of this form with next communication to applicant.

<sup>1</sup>Translation provided.

<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> FORM PTO-1449 (modified)	Application No.	08/719,639
	Filing Date	September 25, 1996
	First Named Inventor	Shane D. Mattaway et al.
	Group Art Unit	2665
	Examiner Name	HSU, Alpus
	Attorney Docket No.	2655-0071
Sheet 14 of 18	Confirmation No.	9685

NON-PATENT REFERENCES			
Examiner Initials*	Cite No.	Non-patent Reference bibliographic information, where available	T <sup>1</sup>
	14-1	Jane's Military Communications 1979-80, pages 452 and 453	
	14-2	Jane's Military Communications 1985, pages 585, 546, and 545	
	14-3	Jane's Military Communications 1989, Tenth Edition, Edited by John Williamson, ISBN 0710608772, pages 443, 507, and 512	
	14-4	Jane's Military Communications 1990-91, Eleventh Edition, Edited by John Williamson, ISBN 0710609000, pages [30], 264, 357, 398, 406, 450, 454, 456, 560, 572, 573, 814, 815, and 816	
	14-5	Jane's Military Communications 1992-93, Thirteenth Edition, Edited by John Williamson, ISBN 0710609809, pages 375, 376, 384, and 704	
	14-6	Jim Stevens, "Much More Idle Chatter About Reference Models", <a href="http://www-mice.cs.ucl.ac.uk/multimedia/misc/tcp_ip/8709.mm.www/0041.html">http://www-mice.cs.ucl.ac.uk/multimedia/misc/tcp_ip/8709.mm.www/0041.html</a> , December 18, 1987, pages 1-9	
	14-7	John Bellamy, "Digital Telephony", c1982 John Wiley & Sons, Inc., pages 392-397 and 410-412	
	14-8	K. Sohraby, et al. "ISDN Primary Rate Interface Impact on Performance of Integrated Voice and Data on CSMA/CD Networks -- A Measurement and Simulation Study", Globecom '90 IEEE Global Telecommunication Conference & Exhibition, San Diego, California, December 2-5, 1990, Volume 2, pages 0912-0919	
	14-9	Ken Sherman "Data Communications - A User's Guide", 3rd Edition, c1981 Prentice-Hall, Inc., pages 296-307 and 404-407	
	14-10	Kevin Jeffay, et al. "Kernel Support for Live Digital Audio and Video", pages 10-21, University of North Carolina at Chapel Hill, Department of Computer Science	

Examiner Signature		Date Considered	
--------------------	--	-----------------	--

\*Examiner: Initial if reference was considered, whether or not citation is in conformance with MPEP 609. Draw a line through citation if not in conformance and not considered. Include a copy of this form with next communication to applicant.

<sup>1</sup>Translation provided.



<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> FORM PTO-1449 (modified)	Application No.	08/719,639
	Filing Date	September 25, 1996
	First Named Inventor	Shane D. Mattaway et al.
	Group Art Unit	2665
	Examiner Name	HSU, Alpus
	Attorney Docket No.	2655-0071
	Confirmation No.	9685
Sheet 15 of 18		

NON-PATENT REFERENCES			
Examiner Initials*	Cite No.	Non-patent Reference bibliographic information, where available	T <sup>1</sup>
	15-1	Kyuta SAITO, et al. "Voice Packet Communication System for Private Networks", Globecom '89, IEEE Global Telecommunications Conference & Exhibition, Dallas, Texas, November 27-30, 1989, Volume 3, pages 1874-1878	
	15-2	Lawrence G. Roberts "The Evolution of Packet Switching", Proceedings of the IEEE, Vol. 66, No. 11, November 1978, pages 1307-1313	
	15-3	LIN, Hwa-Chun and C.S. Raghavendra, "A Dynamic Load-Balancing Policy With a Central Job Dispatcher (LBC)," IEEE Transactions on Software Engineering, Vol. 18, No. 2, February 1992, pages 148-158.	
	15-4	M. E. Ulug, et al. "Statistical Multiplexing of Data and Encoded Voice in a Transparent Intelligent Network", Fifth Data Communications Symposium, September 27-29, 1977, Snowbird, Utah, pages 6-14 - 6-20	
	15-5	M. Gopalakrishnan, et al. "Integrating Voice and Data SALAN: An Experimental Local Area Network", Computer Communications, Vol. 9, No. 4, August 1986, pages 186-194 and page 169	
	15-6	M.J. Ross "Alternatives for Integrating Voice and Data", 1981 International Switching Symposium, ISS' 81 CIC Montreal, September 21-25, 1981	
	15-7	Natesa Janakiraman "An Overview of Recent Developments in the Designs and Applications of Customer Premises Switches", IEEE Communications Magazine, October 1985, Vol. 23, No. 10, pages 32-45	
	15-8	P. Borgnis-Desbordes, et al. "Variable-Speed Data Transmission", IBM Technical Disclosure Bulletin, Vol. 27, No. 4A, September 1984, pages 2269-2270	
	15-9	P. Venkat Rangan and Daniel C. Swinehart, "Software Architecture for Integration of Video Services in the Etherphone System", IEEE Journal on Selected Areas in Communication, Vol. 9, No. 9, December 1991, pages 1395-1404	
	15-10	Paul Gilster, "Internet Navigator", Maruzen Kabushiki-Kaisha (1st Ed.), pgs. 473-476, Feb. 28, 1995	Yes

Examiner Signature		Date Considered	
--------------------	--	-----------------	--

\*Examiner: Initial if reference was considered, whether or not citation is in conformance with MPEP 609. Draw a line through citation if not in conformance and not considered. Include a copy of this form with next communication to applicant.

<sup>1</sup>Translation provided.

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**  
FORM PTO-1449 (modified)

Sheet 16 of 18

Application No.	08/719,639
Filing Date	September 25, 1996
First Named Inventor	Shane D. Mattaway et al.
Group Art Unit	2665
Examiner Name	HSU, Alpus
Attorney Docket No.	2655-0071
Confirmation No.	9685

**NON-PATENT REFERENCES**

Examiner Initials*	Cite No.	Non-patent Reference bibliographic information, where available	T <sup>1</sup>
	16-1	Philip H. Reagan, "Is it the PBX or is it the LAN?", Datamation, The Telecom Manager Emerges, 03/1984, Volume 30 Number 3, pages 3-4, 147, 148, 150	
	16-2	Polle T. Zellweger et al., "An Overview of the Etherphone System and its Applications", 2nd IEEE Conference on Computer Workstations, March 7-10, 1988, pages 160-168	
	16-3	R. BRAUDES et al., "Requirements for Multicast Protocols", Request for Comments 1458, Network Working Group, May 1993, pp. 1-19.	
	16-4	R. W. Meba, et al. "Experiments in Wideband Packet Technology", Digital Communications - New Directions in Switching and Networks, Proceedings of the International Seminar, Zurich, Switzerland, March 11-13, 1986, pages 135-139	
	16-5	R.P. McNamara, "Some Considerations of the Voice-Data Capabilities of Broadband Cable Networks", IEEE Digest of Papers Spring CompCon 82, February 22-25, 1982, pages 312-314	
	16-6	Randy Cole "Packet Voice: When It Makes Sense", Speech Technology, September/October 1982, pages 52-61.	
	16-7	Scott FLINN, "Coordinating Heterogeneous Time-Based Media Between Independent Applications" ACM Multimedia 95 - Electronic Proceedings November 5-9, 1995, pages 1-16.	
	16-8	Shimmi Hattori et al., "Integrated Digital Switching System with Queueing Storage Facility", IEEE Transactions on Communications, Vol. Com-30, No. 8, August 1982, pages 1900-1905, (ISSN 0090-6778)	
	16-9	Steve Oltmanns, et al. "A Voice and Communications System for the IBM PC", Speech Technology, March/April 1986, pages 94-99	
	16-10	Stuart CHESHIRE et al., "Internet Mobility 4x4", www.acm.org, 1996, pages 1-12.	

Examiner Signature		Date Considered	
--------------------	--	-----------------	--

\*Examiner: Initial if reference was considered, whether or not citation is in conformance with MPEP 609. Draw a line through citation if not in conformance and not considered. Include a copy of this form with next communication to applicant.

<sup>1</sup>Translation provided.

<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> FORM PTO-1449 (modified)	Application No.	08/719,639
	Filing Date	September 25, 1996
	First Named Inventor	Shane D. Mattaway et al.
	Group Art Unit	2665
	Examiner Name	HSU, Alpus
	Attorney Docket No.	2655-0071
	Confirmation No.	9685
Sheet 17 of 18		

NON-PATENT REFERENCES			
Examiner Initials*	Cite No.	Non-patent Reference bibliographic information, where available	T <sup>1</sup>
	17-1	Susan Angebrannt et al., "Integrating Audio and Telephony in a Distributed Workstation Environment", Proceedings of the Summer 1991 USENIX Conference, June 10-14, 1991, Nashville, Tennessee, pages 419-435	
	17-2	T. Kamae "Visual Terminals and User Interfaces", FGCS North-Holland, pages 257-278	
	17-3	T. Kamae "Voice/Data Integration in the INS Model System and Local Area Networks" IEEE Communications Magazine, December 1986, Vol. 24, No. 12, pages 7-15	
	17-4	T7540 Digital Telephone Codec, AT&T Microelectronics, January 1991, pages 1-62 and Data Sheet Addendum, July 1991, 4 pages	
	17-5	Takashi Yamada, et al. "New Technologies - Multimedia High-throughput X.25 Packet Switching System", NTT Review, Vol. 1, No. 2, July 1989, pages 82-88	
	17-6	Tamohiro Kawai, "Debut of Call Software in Internet", Nikkei Communications, No. 202, pgs 29-30, Nikkei BP, July 17, 1995	Yes
	17-7	Theodore Bially, et al. "Voice Communication in Integrated Digital Voice and Data Networks", IEEE Transactions on Communications, Vol. Com-28, No. 9, September 1980, pages 1478-1490	
	17-8	Toru Tsuda, et al. "An Approach to Multi-Service Subscriber Loop System Using Packetized Voice/Data Terminals" ISSLS '78, The International Symposium on Subscriber Loops and Services, March 20-24, 1978, Atlanta, Georgia, Conference Record, pages 161-165	
	17-9	V. Jacobson, et al. "TCP Extension for High-Speed Paths", Request for Comments 1185, ftp://ftp.isi.edu/in-notes/rfc1185.txt, October 1990, pages 1-21	
	17-10	V. Jacobson, et al. "TCP Extensions for High Performance", Request for Comments 1323, ftp://ftp.isi.edu/in-notes/rfc1323.txt, May 1992, pages 1-37	

Examiner Signature		Date Considered	
--------------------	--	-----------------	--

\*Examiner: Initial if reference was considered, whether or not citation is in conformance with MPEP 609. Draw a line through citation if not in conformance and not considered. Include a copy of this form with next communication to applicant.

<sup>1</sup>Translation provided.

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**  
FORM PTO-1449 (modified)

Sheet 18 of 18

Application No.	08/719,639
Filing Date	September 25, 1996
First Named Inventor	Shane D. Mattaway et al.
Group Art Unit	2665
Examiner Name	HSU, Alpous
Attorney Docket No.	2655-0071
Confirmation No.	9685

**NON-PATENT REFERENCES**

Examiner Initials*	Cite No.	Non-patent Reference bibliographic information, where available	T <sup>1</sup>
	18-1	Vinton G. Cerf, "Packet Satellite Technology Reference Sources", Request for Comments 829, November 1982, <a href="http://www.cis.ohio-state.edu/htbin/rfc/rfc829.html">http://www.cis.ohio-state.edu/htbin/rfc/rfc829.html</a> , pages 1-5	
	18-2	VocalTec Internet Phone (TM) Version 2.5 Readme, VocalTec Ltd., 02/1995, 5 pages.	
	18-3	Written Opinion issued February 12, 1998 in corresponding International Application Serial No. PCT/US96/15504.	
	18-4		
	18-5		
	18-6		
	18-7		
	18-8		
	18-9		
	18-10		

Examiner Signature		Date Considered	
-----------------------	--	--------------------	--

\*Examiner: Initial if reference was considered, whether or not citation is in conformance with MPEP 609. Draw a line through citation if not in conformance and not considered. Include a copy of this form with next communication to applicant.

<sup>1</sup>Translation provided.